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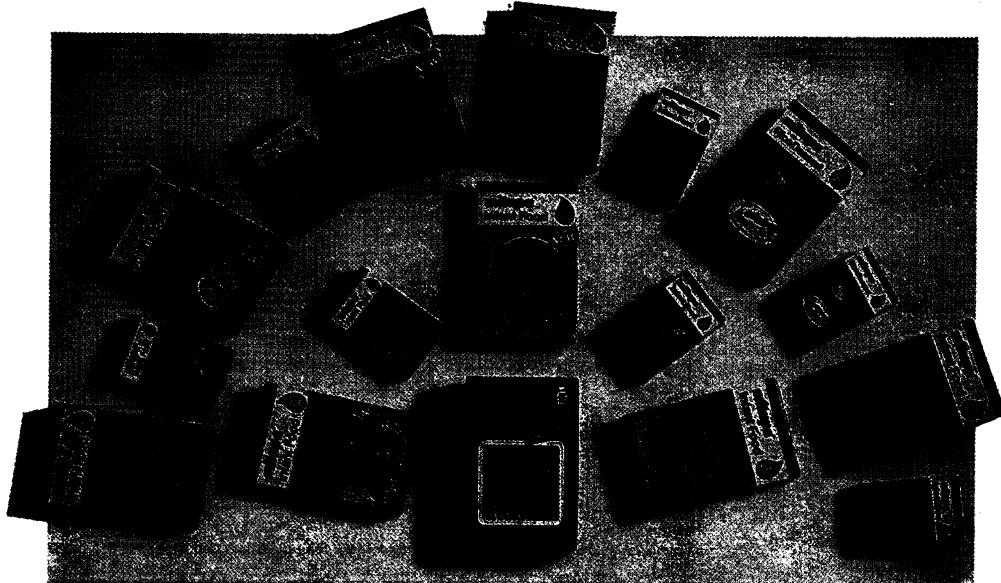
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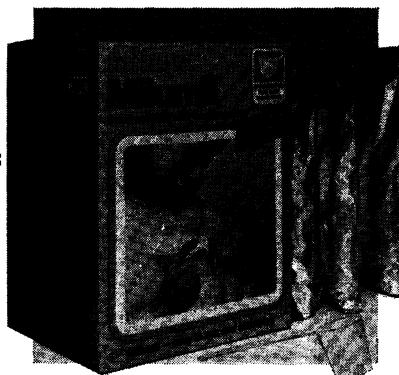
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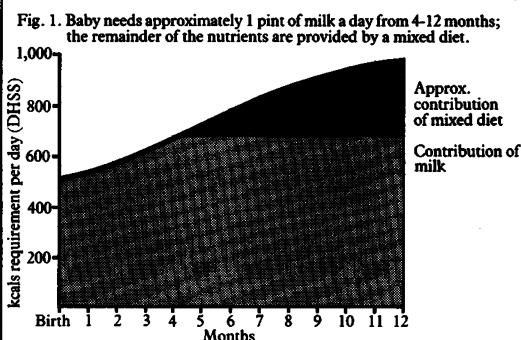
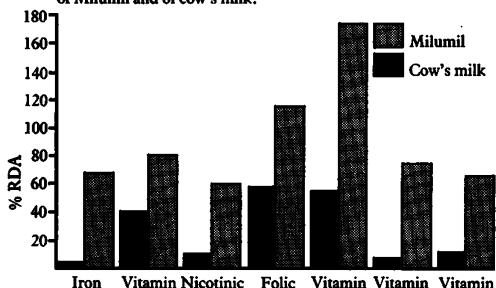


Fig. 2. % recommended daily amounts^{1,2} contributed by 1 pint (568ml) of Milumil and of cow's milk.



1. DHSS report 15 "Recommended daily amounts of food energy and nutrients for groups of people in the UK". 2. Recommended daily dietary allowances for USA 1974 Food and Nutrition Board.

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PEDIATRIC RESEARCH

Volume 16, No. 7

July 1982

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- Effects of Oral Antibiotics on Stool Flora and Overall Sensitivity Patterns in an Intensive Care Nursery
L. GRYLACK, D. NEUGEBAUER, AND J. W. SCANLON (Washington, D.C.) The effects of orally administered gentamicin and colistin on stool bacterial flora and overall antibiotic sensitivity patterns were evaluated in newborns at risk for neonatal necrotizing enterocolitis.
- The Effect of Sleep State on Active Thermoregulation in the Premature Infant
R. A. DARNALL, JR. AND R. L. ARIAGNO (Charlottesville, Virginia and Stanford, California) The data suggest that, unlike adults, active thermoregulation occurs in the premature infant during REM.
- Path Dependence of Adsorption Behavior of Mixtures Containing Dipalmitoyl Phosphatidylcholine
R. H. NOTTER, S. SMITH, R. D. TAUBOLD, AND J. N. FINKELSTEIN (Rochester, New York) Dipalmitoyl phosphatidylcholine adsorption from aqueous dispersion is shown to differ depending upon the method of solution preparation.
- Ontogenesis of Nerve Growth Factor and Epidermal Growth Factor in Submaxillary Glands and Nerve Growth Factor in Brains of Immature Male Mice: Correlation with Ontogenesis of Serum Levels of Thyroid Hormones
P. WALKER, M. E. WEICHSEL, JR., D. EVELETH, AND D. A. FISHER (Torrance, California) The authors have documented the ontogeny of nerve growth factor and epidermal growth factor in mouse submaxillary gland; nerve growth factor in the brain, and T_3 and T_4 serum concentrations.
- Interactions between Human Neutrophils and Vaccinia Virus: Induction of Oxidative Metabolism and Virus Inactivation
J. F. JONES (Tucson, Arizona) These data suggest an active role for human neutrophils in the genesis of and defense against virus infections.
- Presence of Abnormal Amounts of Dolichols in the Urinary Sediment of Batten Disease Patients
N. M. K. NG YING KIN AND L. S. WOLFE (Montreal Canada) Dolichol content in urinary sediment of patients with Batten disease were significantly elevated when compared with age-matched controls.
- Suggestion of an Abnormal Anion Exchange Mechanism in Sweat Glands of Cystic Fibrosis Patients
P. M. QUINTON (Los Angeles, California) The results demonstrate that the sweat glands of individuals with cystic fibrosis can reduce NaCl concentrations to normal levels at low sweat rates and, second, the concentration of organic anions and/or bicarbonate in sweat from patients with cystic fibrosis is substantially less than that in normal sweat.
- Development of Chemotactic Factor Inactivation—Fetal Lamb Model
R. TANNOUS, C. T. KISKER, AND W. R. CLARK (Iowa City, Iowa) Changes in chemotactic factor inactivation were found to correlate best with fetal immaturity.
- Respiratory Effects of TRH in Preterm Rabbits
T. HEDNER, J. HEDNER, J. HONASON, AND D. LUNDBERG (Göteborg, Sweden) The respiratory activity of newborn preterm rabbits was studied after administration of thyrotropic releasing hormone.
- Blood and Marrow Neutrophils during Experimental Group B Streptococcal Infection: Quantification of the Stem Cell, Proliferative, Storage and Circulating Pools
R. D. CHRISTENSEN, J. L. MACFARLANE, N. L. TAYLOR, H. R. HILL, AND G. ROTHSTEIN (Salt Lake City, Utah) Considerable differences in the myeloid tissue response to group B streptococcal infection were observed between neonatal and adult animals.
- Evidence for a Primary Defect of Pancreatic HCO_3^- Secretion in Cystic Fibrosis
K. J. GASKIN, P. R. DURIE, M. COREY, P. WEI, AND G. G. FORSTNER (Toronto, Ontario, Canada) The data indicate that patients with cystic fibrosis, including those with normal pancreatic enzyme secretion, have impaired pancreatic HCO_3^- secretion.

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The Pioneers of Pediatric Medicine

Annotation

K. Kruse: On the Pathogenesis of Anticonvulsant-Drug-Induced Alterations of Calcium Metabolism

Original Investigations

G. von Bernuth, U. Bernsau, H. Gutheil, W. Hoffmann, U. Huschke, B.-K. Jüngst, H. C. Kallfelz, D. Lang, K. Sandhage, A. A. Schmaltz, B. Schmidt-Redemann, H. Weber, C. Weiner: Tachyarrhythmic Syncopes in Children with Structurally Normal Hearts with and Without QT-Prolongation in the Electrocardiogram

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In infants and children, long-term continuous topical corticosteroid therapy should be avoided where possible, as adrenal suppression can occur. In infants, the napkin may be used for exclusive dressing, and increase absorption. Topical antibiotic antimicrobial therapy should be used whenever necessary whenever treating inflammatory lesions which become infected.

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